



Date: August 11, 2005

Refer to File 157869

Mr. Bill Burks/ Mr. Rodney Wright  
American Power Conversion Corp.  
85 Rangeway Rd, Bldg No. 2  
North Billerica, MA 01862  
USA

Subject: Category Certification of Models SUA2200RMXL3U and SUA3000RMXL3U.

Dear Mr. Burks/ Mr. Wright:

We have received your e-mails dated July 14/15, 2005.

Enclosed, please find a CSA Certification Record Class 5311 05 recognizing the above subject models under the CSA International Category Certification Program.

If you have any questions, please contact the writer.

Regards,

Oliver Johnson  
Sr. Engineering Technologist  
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Distribution, Machines and Welding Equipment

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OJ/

Encl. Certification Record File No 63938C Class 5311 05

Cc: CSA Main Files (Correspondence File)



## CERTIFICATION RECORD

The company named below has been authorized by CSA International to represent the products listed in this record as "CSA Certified" and to affix the CSA Mark to these products according to the terms and conditions of the CSA Service Agreement and applicable CSA program requirements (including additional Markings).

File No: 063938\_C\_000  
Class No: 5311 05 POWER SUPPLIES Stand-alone

### SUBMITTOR

4509998 American Power Conversion Corp.  
85 Rangeway Rd Bldg 2  
North Billerica, MA 01862  
USA

### FACTORIES

4509997 American Power Conversion Corp.  
132 Fairgrounds Rd  
West Kingston, RI 02892  
USA

4552195 American Power Conversion Corp.  
40 Catamore Blvd  
East Providence, RI 02914  
USA

4552196 American Power Conversion Corp.  
2nd St. Peza  
Cavite Economic Zone  
Rosario Cavite,  
Philippines

4552199 American Power Conversion Corp.  
Lot 10, Blk 16, Phase IV, Peza  
Cavite Economic Zone  
Rosario Cavite,  
Philippines

4641707 American Power Conversion  
Lot 3 Blk 14, Phase III, PEZA  
Cavite Economic Zone  
Rosario Cavite,

## Philippines

- 4655076 American Power Conversion  
1600 Division Rd  
West Warwick, Rhode Island 02893  
USA
- 4656698 APC India  
No. 187/3 & 188/3 Jigani Village  
Jigani Hobli  
Anekal Taluk  
Bangalore District, 562106  
India
- 4687446 International Precision Assemblies,  
Inc.  
Block 8 Lot 6 Phase II  
PEZA  
Rosario Cavite, 4106  
Philippines
- 4688708 American Power Conversion Brazil  
Ltda  
Alameda Xingu 850 Alphaville  
Alphaville-Barueri, São Paulo 06455-030  
Brazil

August 12, 2005(Replaces: June 14, 2005)

### UNINTERRUPTIBLE POWER SUPPLIES, CORD CONNECTED, FOR USE IN CONTROLLED ENVIRONMENTS:

- Models 110SE, D-110, input 120V, 60Hz, 180VA; output 120V, 60Hz, 90W max.
- Models 200DL, PR200, D-200, UP902, input 120V, 60Hz, 3A; output 120V, 60Hz, 1.7A, 140W max.
- Model 330XT+, 932-4, 8850, 61301, SPS300, SPS330A, EE330, input 120V, 60Hz, 360VA, output 120V, 60Hz, 2.5A max.
- Models 360SX, UP903, PR360, 61306, EE360, D-360, input 120V, 60Hz, 600VA; output 120V, 60Hz, 3A max.
- Models 450AT+, UP945, 942-4, 8851, 61302, SPS450, 450VA, SPS450A, EE450, PR450, D-450, input 120V, 60Hz, 600VA; output 120V, 60Hz, 3.8A max; 800RT, PR800, 982-4, 8852, 61304, SPS800, 800VA, AE800, EE800, 908-15, 908-16 and D-800, -800RM, PR800RM, input 120V, 60Hz, 12A; output 120V, 60Hz, 600W max.
- Models 520ES, UP905, PR520, EE520, 520VA, 61303, D-520, input 120 V, 60 Hz, 600 VA; output 120 V, 60 Hz, 4.5 A max.
- Models 1200VX, PR1200, 913-4, 8853, 61305, SPS1200, 1200VA, AE1200, EE1200, 912-15, 912-16 and D-1200 -1200RM, PR1200RM, input 120V, 60Hz, 12A; output 120V, 60Hz, 1000W.
- Models 600LS, PR600, EE600, D600 or UP906, SMART UPS 600, SMART UPS 600RM, CS-600R, input 120V, 60Hz, 7A; output 120V, 60Hz, 5A, 400W max.

- Models 370 ci and SMART UPS 400, SU400NET, PR400, D-400S, UP904, input 120V, 50/60Hz, 4A, output 120V, 50/60Hz, 250W; SMART UPS250, SU250NET, input 120V, 50/60Hz, 3A; 120V, 50/60Hz, 175W output.
- Models SMART UPS 900, 900RM, D-900, D-1250, UP9125, 1250, 1250RM, CS-1250R, UP909, 900XL, 900XLRM, input 120V, 50/60Hz, 10.5A, output 120V, 50/60Hz, 630W for Models 900, D-900, and 900W for Models 1250, D-1250.
- Models SMART UPS 2000, 2000RM, 923-4, UP92000, D-2000, 2000-1, 2000RM-1, 2000-2, 2000RM-2, 2000-3, 2000RM-3, input 120V, 50/60Hz, 16A, output 120V, 50/60Hz, 1500W.
- Models BACK UPS 200 or PowerCell Personal 10, 250, 280, 360, 400, 450, 520, 600, 900 and 1250, input 120V, 50/60Hz and 2A, 3A, 3A, 5A, 5A, 5A, 7A, 7A, 12A, 12A respectively, outputs 120V, 50/60Hz and 130W, 170W, 180W, 240W, 250W, 300W, 360W, 400W, 630W and 900W respectively.
- Model SMART UPS 400I-X38, input 120V, 50/60Hz, 4A, output 120V, 50/60Hz, 250W. Certified as a component for use in Beckman Instruments, Model Synchron CX7.
- Power UPS250, 400 or PowerCell Personal 20T, 600, input 120V, 50/60Hz and 3A, 5A, 7A respectively, outputs 120V, 50/60Hz and 170W, 250W and 400W respectively.
- Models UP902, UP903, UP945, UP905, input 120V, 50/60Hz and 3A, 5A, 5A, 7A respectively; outputs 120V, 50/60Hz and 170W, 250W, 300W, 400W respectively.
- Models 61402, 61403, 61404, input 120V, 50/60Hz and 3A, 5A, 7A respectively; outputs; 120V, 50/60Hz and 170W, 250W, 400W respectively.
- Models PRK250, PRK400, PRK450, PRK600, PRK900, PRK1250, input 120V, 50/60Hz and 3A, 5A, 5A, 7A, 12A, 12A respectively; outputs 120V, 50/60Hz and 170W, 750W, 300W, 400W, 630W, 900W respectively.
- Models SMART UPS 2000M, 2000RM, 2000M-1, 2000MRM-1, 2000M-2, 2000MRM-2, input 208V, 50/60Hz, 12A, output 208V, 50/60Hz, 1500W.

Model	Input	Output
UP702	120V, 50/60Hz, 3A	120V, 50/60Hz, 170W
UP704	120V, 50/60Hz, 3A	120V, 50/60Hz, 250W
UP706	120V, 50/60Hz, 7A	120V, 50/60Hz, 400W
UP709	120V, 50/60Hz, 12A	120V, 50/60Hz, 630W
UP7125	120V, 50/60Hz, 12A	120V, 50/60Hz, 900W

- Model 'Network Power Cell', input rated 120V, 50/60Hz, 7A; output rated 120V, 50/60Hz, 400W.

Model	Input	Output
SMART-UPS 600XL, 600XLRM	120V, 50/60Hz, 10.5A	120V, 50/60Hz, 400W
SMART-UPS 2000, 2000RM, -X55	120V, 50/60Hz, 20A/16A/12A	120V, 50/60Hz, 1500W, 2000VA 1500W, 1500VA; 1000W, 1000VA
SMART-UPS 2000XL	120V, 50/60Hz, 20A/16A/12A	120V, 50/60Hz, 1500W, 2000VA 1500W, 1500VA; 1000W, 1000VA
SMART-UPS 2000XL-1, -2, -4	120V, 50/60Hz, 16A	120V, 50/60Hz, 1500W, 1500VA
Personal PowerCell	120V, 50/60Hz, 3A	120V, 50/60Hz, 170W
Professional PowerCell	120V, 50/60Hz, 3A	120V, 50/60Hz, 250W

BF250	120V, 60Hz, 12A	UPS outlets: 120V, 2A, 150W Surge outlets: 120V, 12A Total output: 12A
BF250J	100V, 60Hz, 12A	UPS outlets: 100V ac, 60Hz, 150W, 250 VA Surge outlets: 100V ac, 60Hz, 12A Total output: 12A
BE250J	100V, 7A	UPS outputs: 100V, 150W, 60Hz, 250VA Surge outlets: 100V ac, 7A Total Output Current: 7A
EasyOPTIONS 600	120V, 50/60Hz, 3A	120V, 50/60Hz, 170W
EasyOPTIONS 601	120V, 50/60Hz, 5A	120V, 50/60Hz, 250W
EasyOPTIONS 602	120V, 50/60Hz, 7A	120V, 50/60Hz, 400W
Smart-Ups 2000XL-X77	120V, 50/60Hz, 12A	120V, 50/60Hz, 1200W, 1200VA
Matrix 5000	208/240V, 60Hz, 24A	120/208V, 60Hz, 3.75kW, 5kVA for 240V, 4.7kVA for 208V
Matrix 5000W	208/240V, 50/60Hz, 20A	120/208V, 50/60Hz, 3.75kW, 5kVA for 240V, 4.7kVA for 208V
Matrix 3000	208/240V, 60Hz, 20A	120/208V, 60Hz, 2.25kW, 3kVA
Matrix 3000W	208/240V, 50/60Hz, 20A	120/208V, 50/60Hz, 2.25kW, 3kVA
Smart-Ups 1000, 1000RM, 1000XL and 1000XLRM, SU1000RMUS, SU1000RMBX120, SU1000RMXLBX120, SU1000NET, SU1000RMNET, SU1000XLNET, SU1000RM2U, SUA1000, SUA1000X127, SUA1000XL, SUA1000X61, SUA1000X93, SUA1000X219, SU1000R2BX120,	120V, 50/60Hz, 12A	120, 50/60Hz, 670W
Smart-Ups 1400, DL 1400 1400RM, SU1400RMUS, SU1400RMBX120, SU1400NET, SU1400RMNET, SU1400RM2U, SU1400R2X217, DL1400RM2U, SU1400R2X138	120V, 50/60Hz, 12A	120V, 50/60Hz, 950W

SU1400R2BX135 SU1400RM2UX93, SU1400R2BX120, SU1400X93		
SU1400RMXLB3U	120V, 50/60Hz, 12A	120V, 50/60Hz, 950W, 1400VA
Smart-Ups 700RM, SU700RMUS, SU700RMBX120, 700XL and 700XLRM, SU700XLNET, SU700NET, SU700RMXLBX120, SU700RM2U, SU700R2BX120, SU700X93, SU700X114	120V, 50/60Hz, 12A	120V, 50/60Hz, 450W
Smart-Ups-Ups 400,	120V, 50/60Hz, 7A	120V, 50/60Hz, 280W, 3.75A
Smart-Ups 700, DL 700	120V, 50/60Hz, 7A	120V, 50/60Hz, 450W, 5.8A
BP280S, BP280SC, BP280SUS	120V, 60Hz, 7A	120V, 60Hz, 180W
BP420S, BP420SC, BP420SUS SU v/s 420S	120V, 60Hz, 7A	120V, 60Hz, 260W
BP650S, BP650SC, BP650SUS SU v/s 650S	120V, 60Hz, 7A	120V, 60Hz, or 410W
SmartUPS 2200, 2200XL, 3000, 2200RM, SU2200NET, SU2200RMNET, SU2200XLNET SU2200R3BX120 and 3000RM SU3000R3BX120 SU3000NET, SU3000RMNET, SU3000X177, SU2200X106, SU2200X111, SU2200X115, SU2200X180	120V, 50/60Hz, 21/24/28A max	120V, 50/60Hz 2200/2200/3000VA max, 1600/1600/2250W max
BackUPS PRO 1000 and SmartUPS v/s 1000	120V, 60Hz, 12A	120V, 50-60Hz, 670W
BP1100	120V, 60Hz, 12A	120V, 60Hz, 670W, 1100VA
BackUPS PRO 1400 and SmartUPS v/s 1400	120V, 60Hz, 12A	120V, 50-60Hz, 950W
Smart-UPS700I-X38	240V, 50/60Hz, 4A	240V, 50/60Hz, 3.2A, 450W
Smart-UPS450I-X38	240V, 50/60Hz, 4A	240V, 50/60Hz, 2.0A, 280W
Smart-UPS1400XLT and Smart-UPS 1400RMXLT, SU1400RMXL3U, SU1400RMXL3UX171	208V, 50/60Hz, 10A	208V, 50/60Hz, 950W, 1400VA
Smart-UPS 2200XLT and Smart-UPS 2200RMXLT	208V, 50/60Hz, 12A	208V, 50/60Hz, 1600W, 2200VA

Smart-UPS 3000T and Smart-UPS 3000TX109	208V, 50/60Hz, 14A	208V, 50/60Hz, 2250W, 3000VA
SU1400RMXLNET	120V, 60Hz, 10A	120V, 60Hz, 950W, 1400VA, 11.6A
SU1400RMXLNET	208V, 60Hz, 10A	120V, 60Hz, 400W, 400VA, 3.3A 208V, 60Hz, 950W, 1400VA, 6.7A
SU1400XLNET	208V, 60Hz, 10A	208V, 60Hz, 950W, 1400VA, 6.7A 120V, 60Hz, 400W, 400VA, 3.3A
SU2200XLNET	208V, 60Hz, 14A	208V, 60Hz, 1600W, 2200VA, 10.5A 120V, 60Hz, 400W, 400VA, 3.3A
SU2200RMXLNET	208V, 60Hz, 14A	208V, 60Hz, 1600W, 2200VA, 10.5A 120V, 60Hz, 400W, 400VA, 3.3A
SU2200RMXL3U	120V, 60Hz, 24A	120V, 60Hz, 1760W, 2200VA, 18.3A.
SU3000TNET	208V, 60Hz, 16A	208V, 60Hz, 2250W, 3000VA, 14.4A 120V, 60Hz, 400W, 400VA, 3.3A
SU3000TX109	208V, 60Hz, 16A	208V, 60Hz, 2250W, 2200VA, 10.5A
SU2200RM3U	120V, 60Hz, 21A	120V, 60Hz, 1600W, 2200VA, 18.3A
SU2200R3X258	120V, 60Hz, 12A	120V, 60Hz, 1200W, 1200VA
SU3000RM3U	120V, 60Hz, 28A	120V, 60Hz, 2250W, 3000VA, 25A
SU3000RMXL3U	120V, 60Hz, 24A	120V, 60Hz, 2200W, 2200VA, 18.3A
SU3000RMT3U	208V, 60Hz, 28A	208V, 60Hz, 2250W, 3000VA, 14.4A 120V, 60Hz, 400W, 400VA, 3.3A
NS2200RM3U or APC2RA	120V, 60Hz, 21A	120V, 60Hz, 1600W, 2200VA, 18.3A
NS3000RM3U or APC3RA	120V, 60Hz, 28A	120V, 60Hz, 2250W, 3000VA, 25A
NS3000RMT3U or APC3TA	208V, 60Hz, 28A	208V, 60Hz, 2250W, 3000VA, 14.4A 120V, 60Hz, 400W, 400VA, 3.3A
SYMINIF, SYMINIF-PD	208/240V, 50-60Hz, 1ph 10A	120/208/240V, 50-60Hz, 1ph, 40A, 8kVA, 5.6kW
SYMSTRF, SYMSTRF-PD	208/240V, 50-60Hz, 1ph 80A	120/208/240V, 50-60Hz, 80A, 16kVA, 11.2kW
BK300 with suffix C	120V, 60Hz, 300VA	120V, 60Hz, 300VA

BK500M/MUS with suffix C	120V, 60Hz, 500VA	120V, 60Hz, 500VA
BK500EX114	120V, 60Hz, 500VA	120V, 60Hz, 500VA
BK650M/MUS with suffix C	120V, 69Hz, 650VA	120V, 60Hz, 650VA
BP280S	120V, 60Hz, 280VA	120V, 60Hz, 280VA
BP420S	120V, 60Hz, 420VA	120V, 60Hz, 420VA
SU420NET	120V, 60Hz, 420VA	120V, 60Hz, 420VA
SU620NET	120V, 60Hz, 620VA	120V, 60Hz, 620VA
SU620INET	230V, 60Hz, 620VA	230V, 60Hz, 390W, 2.8A
SUTF2	208V, 60Hz, 5KVA	120V, 60Hz, 5KVA
BP350U	120V, 50-60Hz, 12A	120V, 50-60Hz, 350VA; 220W (Battery)
BP500U	120V, 50-60Hz, 12A	120V, 50-60Hz, 500VA; 315W (Battery)
BP700X	120V, 60Hz, 12A	120V, 60Hz, 12A; UPS 120VAC, 60Hz, 410W, 700VA

- UPS hot swap-out box, Model AP019, cord connected, input/output, rated 120V, 50/60Hz, 12A. Certified as an accessory for use with the manufacturer's line of Certified UPS's.
- Line isolation transformer assembly, cord connected, Model AP017, input rated 115V ac, 11A; output rated 115V ac, 11A, 1250VA, 50/60Hz max.
- Line regulators Models Line-R600 and Line-R1250, input rated 120V, 50/60Hz, 7/12A, output rated 120V, 50/60Hz, 600/1250VA respectively.
- External battery packs, Models SU24XLBP, 1 x 114, SU48XLBP, 1 x 114 and SU48BP, SU24RMXLBP2U, SU48RMXLBP, rated 24V dc, 48V dc and 48V dc respectively.
- Line regulators Models H10 and H15, input rated 120V, 47-63Hz, 12A; output rated 120V, 47-63Hz, 1000/1440VA respectively.
- UPS Component Model SYPM rated 200-240V ac, 50-60Hz, 20A input; 200/220/230/240V ac, 50-60Hz, 4kVA, 2.8kW, 20A output. ACCESSORIES FOR USE WITH 'MATRIX' SERIES UPS UNITS:
- Series MXA100 to MXA199, miscellaneous extension cord sets, power distribution units, 240V ac, 30A max, 60Hz, 3 or 4 wire.
- Hard-wire kit accessory, Models MXZ001 and MXA002.
- Battery Cabinets Models SYXR4, SYXR4J-BM and SYXR12 rated 120Vdc, 7.0AH per module; Accessories for use with "MATRIX SERIES" UPS units.

Model	Input	Output
BF400, BF400C	120V, 60Hz, 10A	Surge: 120V, 60Hz, 10A UPS 120V, 60Hz, 3A, 250W, 400VA, 10A total outputs.
BF350, BF350BB, BF350U	120V, 60Hz, 10A	Surge: 120V, 60Hz, 10A UPS: 120V, 60Hz, 225W, 350VA.
BF500, BF500BB, BF500U	120V, 60Hz, 10A	Surge: 120V, 60Hz, 10A UPS: 120V, 60Hz, 325W, 500VA.
SU5000, SU5000R5TX168, SU5000RMT5U, SU5000R5TBX120, SU5000R5TBX135,	208V, 60Hz, 24A	208V, 60Hz, 5000VA, 3750W



SU5000R5TBX114 and  
DL50000RMT5U

SU5000RMXLT5U	208V, 50/60Hz, 24A, 1Ph	200V, 50/60Hz, 22A, 5000VA, 4000W
Power Stack 250, PS 250	120V, 60Hz, 7A	120V, 60Hz, 165W
Power Stack 450, PS 450	120V, 60Hz, 7A	120V, 60Hz, 280W
Bay Stack 450	120V, 60Hz, 7A	120V, 60Hz, 280W
CNB700X	120V, 60Hz, 12A	Surge: 120V, 60Hz, 12A 120V, 60Hz, 410W, 700VA
CNB900X	120V, 60Hz, 12A	Surge: 120V, 60Hz, 12A 120V, 60Hz, 500W, 900VA 120V, 50/60Hz, 980W, 1400VA
SUA1500, DLA 1500, SUA1500X219, SUA1500X106, SUA1500X145, SUA1500X61, SUA1500X93, SUA1500X99, SUA1500X180, SUA1500X114	120V, 50/60Hz, 12A	
SUA750XL, SUA750XLX320	120V, 50/60Hz, 12A	120V, 50/60Hz, 600W, 750VA
Model	Input	Output
SUA750RM2U, SUA750RMUS, SUA750R2X338	120V, 12A, 50/60Hz	120V, 480W, 750VA
SUA1000RMUS, SUA1000RM2U	120V, 10A	120V, 670W, 1000VA
SUA1000RMJ2U, DLA1500RMJ2U	100V, 12A	100V, 980W, 1500VA
SUA1500RMJ2U, DLA1500RMJ2U	100V, 12A	100V, 980W, 1200VA
SUA1500RM2U, SUA1500RMUS, DLA1500RM2U, SUA1500R2X138, SUA1500R2X93, SUA1500R2X106, SUA1500R2X176, SUA1500R2X122	120V, 12A	120V, 980W, 1440VA
IBM1500RM2U	120V, 12A	120V, 1350W, 1440VA
SUOL1000XLI	240V, 50/60Hz, 6A	240V, 50/60Hz, 4.6A, 700W
SUOL2000XLI	240V, 50/60Hz, 12A	240V, 50/60Hz, 9.1A, 1400W
SU2200R3X275	120V, 50/60Hz, 16A	120V, 50/60Hz, 1600W
DL1400R2	120V, 50/60Hz, 12A	120V, 50/60Hz, 950W
DL2200RM	120V, 50/60Hz, 16A	120V, 50/60Hz, 1600W
DL3000RM	120V, 50/60Hz, 24A	120V, 50/60Hz, 2250W 220-240V, 50/60Hz, 180W, 280VA
BP280SIX38	220-240V, 50/60Hz, 5.3A	Surge: 220-240V, 50/60Hz, 2.3A
SP500DR	120V, 50/60Hz, 10A	120V, 50/60Hz, 500VA, 325W

SUA750RM2U	120V, 50/60Hz, 12A	120V, 50/60Hz, 750VA, 480W
SUA1000RM2U	120V, 50/60Hz, 12A	120V, 50/60Hz, 1000VA, 670W
SUA2200RM2U, SUA2200R2X147, SUA2200R2X152, SUA2200, SUA2200US, DLA2200	120V, 50/60Hz, 12A or 120V, 50/60Hz, 16A or 120V, 50/60Hz, 19A	120V, 50/60Hz, 1440VA, 1440W 120V, 50/60Hz, 2200VA, 1980W 120V, 50/60Hz, 2200VA, 1980W
DLA2200RM2U, SUA2200R2X106	120V, 50/60Hz, 16A	120V, 50/60Hz, 1920VA, 1920W
SUA2200RMXL3U	110/120V, 60Hz, 24A	120V, 60Hz, 2200VA, 1980W, 19A
SUA3000RMXL3U	110/120V, 60Hz, 24A	120V, 60Hz, 3000VA, 2700W, 24A
SUA3000RM2U, SUA3000, SUA3000US	120V, 50/60Hz, 24A, or 120V, 50/60Hz, 25A, or 208V, 50/60Hz, 15A	120V, 50/60Hz, 2880VA, 2700W 120V, 50/60Hz, 3000VA, 2700W 120V, 50/60Hz, 3000VA, 2700W
DLA3000RM2U, SUA3000R2X195, SUA3000R2X145, SUA3000R2X93	120V, 50/60Hz, 24A or 120V, 50/60Hz, 25A	120V, 50/60Hz, 2880VA, 2700W 120V, 50/60Hz, 3000VA, 2700W
SUA3000RMT2U, DLA3000RMT2U	208V, 50/60Hz, 15A	208V, 50/60Hz, 3000VA, 2700W
SUA750R2IX38	220-240V, 50/60Hz, 7.25A	220-240V, 50/60Hz, 3.4A, 480W
SUA750, SUA750US, SUA750X93, SUA750X114, DLA750, 74P4901, 2130-TX	120V, 50/60Hz, 7A,	120V, 500W, 750VA
IBM750, 74P4902, 2130-1TX	120V, 60Hz, 10A	120V, 60Hz, 750VA, 500W
IBM1000, 74P4904, 2130-3TX	120V, 60Hz, 10A	120V, 60Hz, 1000VA, 700W
IBM1500, 74P4906, 2130-5TX	120V, 60Hz, 12A	120V, 60Hz, 1440VA, 1050W
SUA3000R2X345	120V, 60Hz, 28A	120V, 60Hz, 2250W, 3000VA, 25A
IBM3000XRL2U or P/N32P1681 or 2130-R30	100-127, 50/60Hz 24A	100-127V ac, 50/60Hz, 3000VA, 2850W max
IBM3000XRH2U or P/N32P1682 or 2130-R31	200-240V ac, 50/60Hz 16A	200-240V ac, 50/60Hz 3000VA, 2850W max
SYA3000RM2U, SUM3000RMXL2U	120V ac, 50/60Hz, 24A	120V ac, 50/60Hz, 24A, 2880VA, 2850W
SYA1500RM2U, SUM1500RMXL2U	120V ac, 50/60Hz, 12A	120V ac, 50/60Hz, 12A, 1440VA, 1425W
SU750RMJ1U, SUA750RMJ1U, SUA750RMJ1UB, NEC750RMJ1U, NECA750RMJ1U	100V ac, 50/60Hz, 12A	100V ac, 15A, 50/60Hz, 750VA, 480W.
SUA750RM1U, EMC750RM1U	120V ac, 50/60Hz, 12A	120V ac, 50/60Hz, 15A, 750VA, 480W.
SUA10RM1U	120V ac, 50/60Hz, 12A	120V ac, 15A, 50/60Hz, 1000VA,

EMC750RMI1U, SUA750RMI1U	220/240V ac, 50/60Hz, 10A	670W. 220/240V ac, 50/60Hz, 10A
SYAF8KT, SYAF8KRMT, SYAF8KTJ, SYAF8KRMTJ.	200-240V, 50-60Hz, 80A	200/208/220/240V, 50-60Hz, Total Output Power: 8kVA, 6.4kW, 51A.
SYAF16KT, SYAF16KRMT, SYAF16KTXR9T, SYAF16KTJ, SYAF16KRMTJ, SYAF16KTXR9TJ.	200-240V, 50-60Hz 100A	200/208/220/240V, 50/6Hz, Total Output Power: 16kVA, 12.8kW, 75A.
SUA3000R2IX38	220-240Vac, 50/60Hz, 16A	220-240Vac, 50/60Hz 3000VA, 2700W

- \*Model Smart-UPS 700XLX114, 1400X114, 2200XLX114.
- \*Model Smart-UPS 700BX120, 1000BX120, 1400BX120, 2200BX120, 2200R3BX120, 3000BX120, 3000R3BX120.
- \*Model Smart-UPS 1400RMBX135, 3000R3BX135.
- \*Model Smart-UPS 1400RMX138.
- \*Model Smart-450NET, 700NET, 700RMNET, 700XLNET, 1000NET, 1000RMNET, 1000XLNET, 1400NET, 1400RMNET, 1400RMXLNET, 1400XLTNET, 1400RMXLNET, 2200NET, 2200RMNET, 2200XLNET, 2200RMXLNET, 2200XLTNET, 2200RMXLNET, 3000NET, 3000RMNET, 3000TNET.
- Model Smart-UPS beginning with prefixes; NS, DL, DIG, UNS, DGS, (prefix options NS = Hewlet Packard, DL =Dell Computer, DIG =Digital Corp., UNS =Unisys, DGS =Data General),; DGS1000, DGS1400, DIG1400RM, DIG3000RM3U, DL1400RM, DL2200RM3U, DL3000RM3U, NS2200RM3U, NS3000RM3U, NS3000RMT3U.
- \*Model Smart-UPS SU027, SU028, SU029, SU027RM, SU028RM, SU029RM, SU029RM3U.
- Series Symmetra-RM, Models SYHF6KT, SYH2K6RMT, SYH4K6RMT, SYH6K6RMT, SYPF12KT, SY4K12RMT, SY8K12RMT, SY12K12RMT and SYRMXR4.
- External Battery pack Model SU48RMXLBP3U, rated 48V dc, 18Ah; for use with UPS Model SU3000RMXL3U and SU2200RMXL3U.
- External Battery pack Model SU48R3XLBP, rated 48V dc, 18Ah; for use with UPS Model SU5000RMXL5U.
- External Battery Pack P/N 32P1692 rated 48V dc, for use with Models IBM3000XRL2U or IBM3000XRL2U or P/N 32P1681 or P/N 32P1682 or No 2130-R30 or No 2130-R31 and SU2200RMXL3U.
- External Battery Pack Model SU48R3XLBP, rated 48V dc, 18Ah; for use with UPS Model SU5000RMXL5U.
- External Battery Pack Model SURTA48XLBP and SURTA48XLBPJ, 48V dc, for use with UPS Models SURTA1500XL/XLJ and SURTA2000XL.
- External Battery Pack Models SURT192XLBP and SURT192XLBPJ for use with Models SURTA3000XL/TW and SURTA2400XLJ.

BR800, BX800	120V ac, 60Hz, 12A	Output surge 120V ac, 60Hz, 12A. UPS output 120V ac, 60Hz, 40W, 800VA, 12A max.
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SC420	120V ac, 60Hz 420VA	120V ac, 60Hz, 260W, 460VA
SC620	120V ac, 60Hz 620VA	120V ac, 60Hz, 390W, 620VA
SURTA1500XL	120V, 50-60Hz, 12A	120V, 50-60Hz, 1500VA, 1050W
SURTA1500XLJ	120V, 50-60Hz, 16A	120V, 50-60Hz, 1500VA, 1050W
SURTA2000XL	120V, 50-60Hz, 16A	120V, 50-60Hz, 2000VA, 1400W
SURT5000XLIX420	200-240V, 1 ph, 50-60Hz, 25A	200V ac Programmable up to 240V ac, 24A, 50-60Hz, 3500W
SURT3000XLIX420	200-240V, 1 ph, 50-60Hz, 16A	200V ac Programmable up to 240V ac, 16A, 50-60Hz, 2100W
SURT3000XL	120V, 50-60Hz, 24A	120V, 50-60Hz, 24A, 2100W
EMCRT10000XLU	200-240 V ac, 1Æ, 50 A, 50-60 Hz	200-240 V ac, 50 A, 50-60 Hz, 3500 W
EMCRT7500XLU	200-240 V ac, 1Æ, 37 A, 50-60 Hz	200-240 V ac, 37 A, 50-60 Hz, 2100 W
SURT7500XLT, SURT7500XLTW, SURT7500RMXLI, IBM UPS 7500XHV, 2130-6RX, 25R5583	200-240 V ac, 1Ø, 37 A, 50-60 Hz	200 V ac Programmable up to 240 V ac, 37A, 50-60 Hz, 6000 W
SURT10000XLT, SURT10000XLTW, SURT10000RMXLI, IBM UPS 10000XHV, 2130-8RX, 25R5584	200-240 V ac, 1Ø, 48A, 50-60 Hz	200 V ac Programmable up to 240 V ac, 48A, 50-60 Hz, 8000 W
SURT7500XLJ	200-240 V ac, 1Ø, 37A, 50-60 Hz	200V ac Programmable up to 240 V ac, 37A, 50-60 Hz, 6000 W
SURT10000XLJ	200-240 V ac, 1Ø, 50A, 50-60 Hz	200V ac Programmable up to 240 V ac, 50A, 50-60 Hz, 8000 W
SC 250RM1U	120V, 60Hz, 7A	120V, 60Hz, 170W, 250VA
SC 450RM1U	120V, 60Hz, 7A	120V, 60Hz, 260W, 450VA
SU500DR, RW500DR	120V, 50/60Hz, 10A max	120V, 325W, 500VA
SU500IDR, RW500DRI	220-240V, 50/60Hz, 7A	230V, 50/60Hz, 325W, 500VA
EMC350RMU1U	220-240V, 60Hz, 7A	230V, 60Hz, 230W, 350VA
SURTA300XL, SURTA3000XLTW	120V ac, 50-60Hz, 24A	120V ac, 50-60Hz, 3000VA, 2100W
SURTA2400XLJ	100V ac, 50-60Hz, 24A	100V ac, 50-60Hz, 2400VA, 1680W
S10	120V ac, 47-63Hz, 12A	120V ac, 47-63Hz, 1000VA, 700W, 9A
S15	120V ac, 47-63Hz, 12A	120V ac, 47-63Hz, 1440VA, 900W, 12A
SC1000	120V ac, 60Hz, 8.3A	120V ac, 60Hz, 1000VA, 600W
SC1500	120V ac, 60Hz, 12A	120V ac, 60Hz, 1440VA, 865W
Models SURT3000XLI, SURT3000XLIX322	220-240V ac, 10, 16A, 50-60Hz	220-240V ac, 16A, 50-60Hz, 2100W
SURT3000UXI		
Models SURT3000XLT	220-240V ac, 10, 16A, 50-60Hz	208V ac programmable to 240V ac, 16A, 50-60Hz, 2100W
Models SURT 5000XLI, SURT5000UXI	220-240V C, 10, 23A, 50-60Hz	220-240V ac, 23A, 50-60Hz, 3500W
Model SURT5000XLJ	200-240V ac, 50-60Hz, 10,	200V ac programmable to 240V ac, 25A, 50-

	25A	60Hz, 3500W
Model SURT5000XLT	208-240V ac, 50-60Hz, 10, 23A	208V ac programmable to 240V ac, 23A, 50-60Hz, 3500W

- Symmetra LX system, consisting of Models SYAF8KT, SYAF8KRMT, SYAF8KTJ, SYAF8KRMTJ, SYAF16KT, SYAF16KRMT, SYAF16KTXR9T, SYAF16KTJ, SYAF16KRMTJ, SYAF16KTXR9TJ.

#### INVERTER FOR USE IN VEHICLES

- Model PNote AC75, TANoteAC75 rated 13.5V dc, PA input; 120V ac, 60Hz, 75W output.
- Models SC1000 and SC1500.

/mer